

# Beyonce.

An early maincrop, crisping potato variety with a good dry matter content, suitable for medium term storage and resilient to late blight in foliage and tuber.

- ▶ **Large tubers**
- ▶ **Good dormancy**
- ▶ **Quite high tuberisation**



## characteristics

### General characteristics

Breeder: Agrico Research B.V.  
Crossing: AR 94-2061 x LADY JO  
Breedersright: 31-12-2049  
Seedling: AR 08-3271

### Plant and tuber characteristics

Maturity: early maincrop / 6  
Light sprout colour: blue violet / BV  
Flower colour: purple / P  
Number of berries: very high / 4  
Foliage - initial development: quite fast / 7,5  
Foliage - final development: good / 8  
Foliage - firmness: quite firm / 7,5  
Skin colour: yellow / Y  
Flesh colour: light yellow / 6,5  
Skin finish: below average / 5,5  
Tuber shape: oval round / OR  
Regularity of tuber shape: quite regular / 6,5  
Tuberisation: quite high / 7  
Tuber size: quite large / 7,5  
Regularity of size: regular / 7  
Dormancy: quite long / 7

### Sensitivity and quality

Secondary growth: quite sensitive / 6  
Black spot (internal bruising): slightly sensitive / 7,5  
Growth cracks: quite sensitive / 6,5  
Harvest damage: quite sensitive / 6  
Metribuzin - pre-emergence: quite sensitive / 6,5  
Metribuzin - post-emergence: slightly sensitive / 7  
Bentazon: slightly to not sensitive / 8  
Ethylene: 5% fewer to 5% more tubers / 5  
Underwater weight: 446  
Dry matter content: 23,9%  
Cooking type: floury / BC  
Discolouration (after cooking): slightly sensitive / 7  
Raw discolouration: slightly to not sensitive / 8  
Fries quality: good / 7  
Dry matter distribution: average / 6,5  
Crisping quality: excellent / 8  
TGA-level: 6,5

# How to grow

## Fertilization <sup>1</sup>

**Nitrogen:** standard advice.

**Phosphate:** standard advice.

**Potassium:** standard advice + 25%.

## Seed treatment

Can be planted directly out of the cold store, preferably after a short heat shock. Desprouting can have a negative impact on yield and size regularity.

## Planting distance

28/35 mm: 23 cm (58.000 plants/ha)

35/55 mm: 27 cm (50.000 plants/ha)



[www.agricopotatoes.com](http://www.agricopotatoes.com)

## Weeds

A standard use of metribuzin (Sencor), before or after emerge, doesn't give foliage reaction or yield reduction.

## Fungicides

Despite the late blight resistance, remain alert for infections.

## Harvest

Due to its sensitivity scores for black spot and/or harvest damage, wait at least two weeks after haulm killing before harvest.

## Storage - .

For processing purposes, do not store below 9 °C. Suitable for medium term storage.

<sup>1</sup> Level of fertilization is based on soil analysis.



## Resistances

**Virus - Leaf roll:** - / -

**Virus - Yn:** susceptible / 5,5

**Virus - Yntn (tuber):** susceptible / 5

**Spraying:** slightly susceptible / 6

**Late blight - foliage:** slightly to not susceptible / 8,5

**Late blight - tuber:** slightly susceptible / 7,5

**Fusarium:** slightly susceptible / 7,5

**Common scab:** susceptible / 5,5

**Say potato,  
say Agrico.**

**Powdery scab:** slightly susceptible / 6

**Black dot:** slightly susceptible / 7,5

**Wart disease F1:** - / -

**Wart disease F6:** - / -

**Wart disease F18:** - / -

**Golden nematode Ro 1/4:** susceptible / 4

**Golden nematode Ro 2/3:** - / -

**White nematode Pa 2:** - / -

**White nematode Pa 3:** - / -